GRUMMAN
plane news
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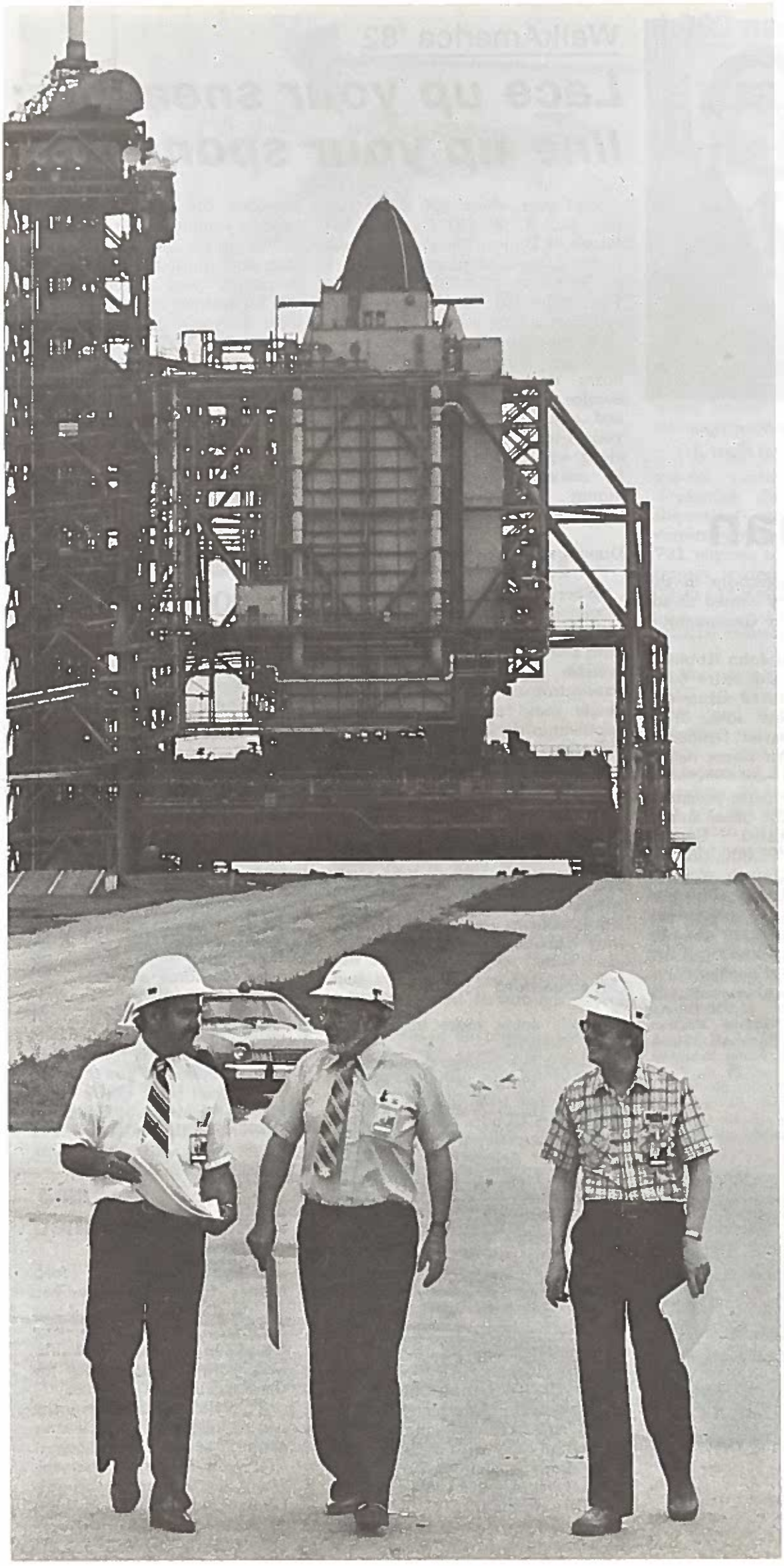

Checking out the Cape

Since the end of November 1981, a Grumman team at the Kennedy Space Center, Cape Canaveral, Florida, has been observing how NASA refurbishes the space shuttle between missions.

NASA hopes to simplify the turn-around process and award a multi-billion dollar contract for the job to one industrial firm.

Headed by Vice President Fred Haise, the Grumman team has been gathering information for a proposal bid. The company will evaluate this information and make a decision by the summer whether to enter the competition later this year.

In photo at left, Grummanites (L to R) Ron Strickland, Bob Biogiotti, and Tom Hennessy are seen near the launch pad at Cape Canaveral before the Columbia blasted off March 22. Additional coverage and photos on page 5.

Dollars and sense. *George Moles (C), receiving first prize from John O'Brien (L) and Dan Knowles, led the pack of winners from Plant 2. Four of the top six winners work there.*

Moles: '81 idea man

The 16th Project Sterling awards ceremony was especially sweet for George Moles. To cap his recent promotion to foreman he took home top prize--$1,500--as the 1981 Suggester of the Year.

Moles was one of 53 Grummanites who won awards ranging from $250 to the top prize as the Project Sterling program named the best cost-saving suggestions submitted by Grummanites last year. The winners, who came from as far away as Pt. Mugu, California, received their prizes at a dinner at the Linden Tree restaurant in Bethpage on March 10.

"It's been a very exciting month," said Moles after he collected his check and a trophy. The original award for this suggestion was given to Moles last June. It was a check for $3,475.

Winning Project Sterling awards is a Moles family tradition, however. George's father Ed, now retired, is a past annual award winner.

"Ideas are how we run the place," Grumman Aerospace Executive Vice President John O'Brien told the more than 60 winners and guests attending the dinner. "The key to our future is in our ability to communicate with each other."

New to the Project Sterling program's offering of annual prizes were 40 Super Saver awards.

Many suggestions save the company hundreds of thousands of dollars in the first year. But because a large number of those are closely related to the suggesters' jobs, their Project Sterling awards may not be that high. As Dan Knowles, senior vice president—Personnel, explained to the group, "The Super Saver awards give special recognition to those people who made suggestions within the scope of their jobs."

Each of the suggestions in the Super Saver category earned an additional $250 for the Grummanites who wrote them.

Frank Leahy and John Robbins, for example, won the extra $250 for an idea that saved Grumman $355,000. Another idea, from Tony Bartilucci, saved Grumman $76,000 and the Air Force nearly $700,000.

Though the top prize remained $1,500 this year, the other annual awards were increased. Second place was raised to $1,000, third to $750. The four fourth place awards are now $500, and $250 goes to each of the fifth place suggestions. (This year there was a tie for the 11th and last award, so five fifth place prizes were given out.)

Here are this year's winners: $1,500-George Moles, Pl. 2; $1,000-Thomas Wicelinski, Pl. 2; $750-Sam Forman, Pl. 30; $500-Frank Rogienski, Pl. 2, William Neuner, Pl. 88, James Hampson, Pl. 2, Joseph Augustine, Pl. 3; $250-Norman Reid, Pl. 77, Joseph Melder, Pl. 66, Lucy Matthews, Pl. 30, Max Densmore, Pl. 66, Ernest Baker and Billie Brown, Pl. 6. (Each winner also received an engraved trophy.)

Super Savers: John Ruggiero, Pl. 30; John Robbins, Pl. 30, and Anthony Giammarino, Pl. 40; John Groh, Pl. 1, and Ernest Ammirato, Pl. 6; Kenneth O'Pasek and Joseph Kincaid, Pl. 30; Rocco Amone and Robert Kalin, Pl. 6; Joseph Kasten, Pl. 1; Frank Lagonigro, Pl. 9, and Robert Read, Pl. 40; Harvey Glick, Pl. 25; Patricia Rinaldi, Pl. 35; Anthony Bartilucci, Pl. 40; John Campolettano, Pl. 43; Arthur Artig, Pl. 35; Jack Abramowitz and Charles Dietz, Pl. 40; Irwin Mitzelman and Paul Berg, Pl. 35; Joseph Nobile, Pl. 30; John Brooks and Richard Heidel, Pl. 30; Craig Frank, Pl. 30; Frank Leahy and John Robbins, Pl. 30; Louis Pastore, Pl. 2; Ronald Reilly, Pl. 30; Andrew Reder and Charles Dohrenwend, Pl. 17; Frank DeMaio, Pl. 4, and Peter Menicci, Pl. 30; Michael Gabriel, Pl. 5; Arnold Gersch, Richard Eberl and Stanley Burns, Pl. 5; Warren Davis, Pl. 35; Norman Jaeggi, Pl. 87; Thadeus Rydzewski, Pl. 44; Thomas Gallo, Pl. 30.

WalkAmerica '82

Lace up your sneakers; line up your sponsors

Last year, about 250 Grummanites pulled in $31,500 for the March of Dimes. The goal this year is for 2,000 Grummanites to walk on WalkAmerica Sunday, April 25. The $252,000 they could raise could go a long way to help in the fight against birth defects.

If you haven't signed up yet, hurry down to your Employee Service office and get an entry form and a sponsor sheet. Try to get your friends and relatives to walk along with you — but if they can't be coaxed, ask them to pledge money for every kilometer you complete.

Donations

Where does the money go? The March of Dimes supports research, community services, public education and medical services, including genetic counseling and intensive care nurseries. Birth defects are the single most serious child health problem in the United States today, affecting one in 12 babies or an estimated 250,000 children born this year.

Two walkathons will be held on Long Island, starting at 8:00 a.m. The Nassau County walk starts out at Eisenhower Park in East Meadow; the Suffolk County event kicks off at Hauppauge High School. Both courses are 30 kilometers long — about 18½ miles.

Got a question?

Here's some more information about the walk:

What is the average donation per sponsor? The donation per kilometer can range from nickels to dimes to quarters to bills. Every bit helps.

What happens on the day of the walkathon? Before 8 a.m. on April 25, you show up at either Eisenhower Park or Hauppauge High School with your sponsor sheet. After checking in at the walker validation table you can begin walking the 30 km. course. Maps will be provided the day of the event and in the next issue of *Plane News*. About every three miles there is a checkpoint station where you must have your sponsor sheet validated. Also available at these checkpoints are free snacks, portable restrooms, water, portable telephones, and people to help with special problems such as lost sponsor sheets.

What happens if I can't complete the 30-km walk? At the checkpoints, there are poop-out stations. Transportation to the finish line is provided for those who are too tired to complete the trek.

Volunteers are needed for the start and finish lines to log in participants — and a special call goes out for retirees to sign up for these jobs. If you'd like to help, send your name, mail stop, and extension (or your name, address, and home phone if you're a retiree) to Karen Betschart, Public Affairs, mail stop C14-05.

Off the wall players can donate, too

Walking too tame for you? If you'd prefer more vigorous exercise, you can play racquetball for the March of Dimes instead.

The March of Dimes will hold a racquetball tournament on Saturday and Sunday, April 17 and 18, at 12:00 noon at Universal Racquetball, 6000 Sunrise Highway in Massapequa (across from Sunrise Mall).

The $20 entry ticket pays for recreational play with one match guaranteed, and additional play until 6 p.m. as courts become available. All court fees, balls, refreshments, and prizes are included. Your entry fee is tax deductible.

The tourney is open to all Grummanites. If you'd like to enter, mail your check (payable to the March of Dimes) to Universal Racquetball. For more information, call Universal at (516) 799-4000.

Runners welcomed

If you're fleet of feet, there's no reason why you should slow down from a trot to a stroll on April 25. The Grumman Running and Fitness Club is planning to jog the Nassau County course.

To avoid stumbling over the rest of us, they've arranged an early (7:45 a.m.) starting time.

If you'd like to join the group, get in touch with Larry Lagin (Ext. 3286) or John Erickson (Ext. 5056).

Personal touch. Grummanites at Stuart Operations, who built the nacelles and thrust reversers for the TFE 731 engine, inspect a Westwind business jet.

Sign up for optional insurance next month

April is an open enrollment period for the Grumman Personal Accident Insurance Plan, designed to provide Grummanites and their dependents with accidental death and dismemberment insurance.

This voluntary plan is offered in addition to the company-paid Group Term Accidental Death and Travel Insurance Plans. These company-paid plans cover you alone. Grumman's life insurance plan covers Grummanites with insurance equal to twice their annual base salaries. The company-paid accidental death plan increases this to three times the salary; the travel insurance adds an amount equal to three times the base salary.

The voluntary plan provides additional protection for yourself and extends such protection to other members of your family.

Only actively employed Grummanites under 70 may participate. If you qualify, you can also cover your spouse and your unmarried dependent children who are 19 or younger (or up to 25 if they are full-time students). However, you must participate in the plan to enroll your spouse and children. Physical examinations are not required.

You may purchase from $10,000 to $250,000 of coverage for yourself. Under the family plan option your spouse is insured for 60 percent of the amount you select if there are no dependent children. Otherwise, your spouse is insured for 50% and each of your children is insured for 10% of your benefit.

The weekly cost for coverage for yourself is 12 cents per $10,000 of insurance; coverage for both yourself and your eligible family members is 17 cents per $10,000. Premium payment is through payroll deduction.

Features of the plan are the automatic benefit escalation, an education benefit for your children, leave of absence provision, conversion to individual policy on termination and optional pilot and crew member coverage.

Brochures and Information Request Cards will be mailed to eligible Grummanites.

Return your information request card to Benefits - A11-28 if you wish to join or change your present coverage. Representatives of Frank B. Hall Consulting Company, the plan administrator, will be available at Plant 28 during the third week of April to explain the plan to you. You can also call the plan administrator toll free on 800-942-1905 within New York State or 800-431-2052 outside New York State.

The only time you may join the plan or increase your coverage is during the enrollment periods, which occur each April and October.

GRUMMAN plane news

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Associate Editors
Kathy Housley ext. 3293
Norine Lyons ext. 5119
John Vosilla ext. 5118

Editorial Assistant
Clare Byrne ext. 8999

1,000 nacelles...and counting

Stuart celebrates milestone delivery

STUART, FLORIDA, March 4, 1982 — Scores of Grummanites gathered around a sleek, Westwind business jet parked on the airport apron today. This Israeli Aircraft Industries (IAI) business jet is extra special for these Grummanites. The Stuart team built the nacelles and thrust reversers for this aircraft — and there is something special about seeing your handiwork on a customer's aircraft.

The IAI jet was flown in for a special milestone celebration. Grumman delivered its 1,000th shipset of nacelles and thrust reversers powered by Garrett TFE 731 engines today. The milestone shipset is destined for installation on an IAI Westwind.

Official delivery

Representatives of IAI were on hand to accept the shipset from Ron Pond, Grumman's director of Nacelles and Thrust Reverser Programs. Also present were representatives of Atlantic Aviation Corporation, North American distributor for IAI and Grumman people associated with the nacelle and thrust reverser business.

"Even as we achieve this milestone," said Pond, "we're already looking forward to our 2,000th shipset. Maybe it will be installed on IAI's new Astra — an aircraft we're also planning to supply with nacelles and thrust reversers."

The event emphasized Grumman's penetration of the business jet nacelle and thrust reverser market. The company now produces more than half of all the units manufactured for the TFE 731 engines.

Grumman has been producing such components for the TFE 731 engine since the early 1970s. A variety of business jets are now equipped with them. In addition to the Westwind, the list includes the French Dassault Falcon 10 and its American counterpart, the Falcon Jet Falcon 10; the Falcon 50; the Rockwell Sabreliner 65 and the British Aerospace HS125.

Pond reports that Grumman has begun development of new nacelles and thrust reversers for the Garrett higher-thrust derivative turbofan engine, the TFE 731-5, which should appear on the market in 1985.

PAC meets Apr. 14

The fifth annual meeting of the Grumman Political Action Committee will take place on Wednesday, April 14, in Plant 4, Hangar No. 3, at 4:30 p.m.

Federal election laws are specific about allowing only PAC members to attend such meetings. PAC members will be receiving a letter concerning the annual meeting in the mail shortly.

Milestone meeting. *Ron Pond, director of Nacelles and Thrust Reversers Programs, chats with Shelly Cohen (C) of Israeli Aircraft Industries and Malcolm Graham (R) of Atlantic Aviation, at Stuart Operations.*

Milburn elected GII vice president

Richard Milburn has been elected vice president - Defense Programs by the board of directors of Grumman International, Inc. He is responsible for all Grumman International overseas marketing activities for current and prior-production military products and services.

Milburn had been director of Defense Programs for GII since October 1980. He came to Grumman that year after retiring from

Richard Milburn

the Air Force as a colonel; he had been commissioned a second lieutenant in 1955.

Milburn is a member of the American Institute of Aeronautics and Astronautics and the Royal Aeronautical Society. A graduate of the Industrial College of the Armed Forces, Milburn holds a master's degree in aerospace engineering as well as a master's in aero and space sciences from the University of Oklahoma.

He reports to Mike Pelehach, president of Grumman International.

Pale?

The Blood Program is looking to verify its records of donors who have passed the one or more gallon milestones. If you have given a gallon or more of blood (eight donations) write your name, department, telephone extension and the number of gallons you've donated on a piece of paper and send it to "Blood Program," A01-28.

The runway's the wrong way

What kind of donkey's derriere would drive across an airport runway? A very foolish and selfish one.

"In recent months, we've spotted several people driving their cars across the runway — at night and during the day," says Walter Berndt, Bethpage Operations airport manager.

"Crossing a runway is not like crossing a highway," warns Berndt. "You can't look both ways and cross the runway — not when a corporate jet is approaching at 120 knots."

Security is keeping a close watch around the airport in Bethpage to stop these few, foolish drivers.

Warm weather warning

Airport safety goes beyond keeping your family auto off the runway, says Berndt. "Now that the warm weather is approaching, more and more people are jogging, strolling, or playing golf at lunchtime."

Berndt cautions lunchtime exercisers to keep a safe distance away from the airport and its runway. "There are fences and chains — along with signs — to tell people where not to walk," says Berndt.

He recommends that new joggers ask the more experienced runners for the best jogging routes to take around the Bethpage complex during lunch.

"As for the duffers, we've collected enough golf balls off the runway to fill a bucket," reports Berndt. "If a golf ball were ever ingested into a jet engine on takeoff, we'd be in for a lot of trouble."

Last summer, a duffer's golf ball travelled across the runway and smashed the side window of a small aircraft parked near Plant 4. "Grumman has plenty of fields where you can practice your golf swing," says Berndt. He suggests using the fields on South Oyster Bay Road across from the Recreation building, Plant 28A.

calendar

Aikido Club: every Wed., 5 p.m., Recreation bldg. Beginners class. Guests welcome. M. Brooks, Ext. 115-6171/H. Brondo, Ext. 2719

Alcoholics Anonymous: every Mon., 4:30 p.m., Pl. 15, conference room C, closed meetings; Personnel Relations, Ext. 3521; Calverton: Chemical Dependency Discussion Group, every Mon., 4-5 p.m., Hdg. Bldg.; open meeting. Personnel Relations, 369-6759, C. Robb, Ext. 117-7038.

Amateur Radio Club: every 3rd Wednesday of the month. Plant 5 conference room BD-1, 5 p.m. D. Townes, Ext. 2889

ASHRAE: Tues., April 13, SUNY Farmingdale, 6 p.m. Student branch activity. A. Rubenstein, Ext. 0202

C.B.I. Vets Association: Tues., March 30, Recreation bldg., 5 p.m. Guests welcome. W. Pytlowany, Ext. 8616/R. Fong, Ext. 2484

Chess Club: every Fri., 5 to 11 p.m., Recreation bldg. Beginner — Expert. Guests welcome. K. Marley, Ext. 4901/ N. Corso, Ext. 9600

Coin Club: (Calverton) every Fri., noon lunch, Pl. 6 conference room. W. Kondratowicz, Ext. 6680

Dance Club: every Wed., 5-8 p.m., Recreation bldg. Guests welcome. G. Cupolo, Ext. 4155

Fencing Club: every Wed., 4:30-6:00 p.m., Recreation bldg. Free instructions, guests welcome. J. Hayne, Ext. 5556/ P. Chaldaris, Ext. 3638

Folk Dancer's Club: (Calverton) every Thurs., 2nd floor, Pl. 6, lunchtime, Grumman employees only. J. Hamelman, Ext. 117-6835

Karate Club: every Tues. and Thurs., Recreation bldg., beginners 4:30 to 5:30 p.m., advanced 5:30 to 7:00 p.m., black belt instructors, physical and mental development; guests welcome. T. Ortiz, Ext. 4764

Model Railroad Society: every Wed., 7 p.m., Recreation bldg. Regular meeting. Guests welcome. R. Muntz, Ext. 8896

Photography Club: Mon., April 12, Recreation bldg., 5 p.m. Careers in Photography — Expanding World. Guests welcome. D. Burdish, Ext. 9582

Tap Dancing Club: every Mon., Recreation bldg., 4:45 to 5:30. Beginners and guests welcome. P. Tropea, Ext. 8091

Roller Skating Club: every Thurs., Levittown Skating Rink, 7:30 to 11 p.m. Lessons 6:30 to 7:30 p.m. Guests welcome. H. Denen, Ext. 2291

Stamp Club: First three Wed. of every month; 5-6 p.m., Pl. 35 cafeteria; trading sessions and discussions. S. Hoops, Ext. 3926/8586

Table Tennis: every Thurs., Pl. 24, 5 p.m., and every Fri., Recreation bldg., 5 p.m. also every lunchtime. Beginners and guests welcome. B. Fabricant, Ext. 9307

N.Y.S.S.P.E. Suffolk County Chapter: Thurs, April 22, Herfurth's Manor House, 6:30 cocktails, 7:30 dinner. L.I.R.R. Capitol Improvement Program. Guests welcome. W. Lipman, Ext. 2506

obituaries

ROYAL BERGER of Elect. Engineering Power/Ctrls., Pl. 30, died March 2 at the age of 65. He had been with the company since 1974 and resided at 156-39 88th St., Howard Beach.

TERESA B. ZIMMERMAN of Food Service, Pl. 1, died March 6 at the age of 57. She had been with the company since 1973 and resided at 35 Dean St., Hicksville.

Grumman checks out Cape for shuttle bid

On Monday, March 22, the space shuttle Columbia took off from Cape Canaveral in Florida on its third mission into space. There will be plenty more voyages for the Columbia: the world's first reusable spacecraft can be used for up to 100 flights.

Since the end of November 1981, a Grumman team has been observing how NASA — along with 26 subcontractors — refurbishes the orbiter between trips. NASA wants to simplify the process and turn the job over to one qualified company.

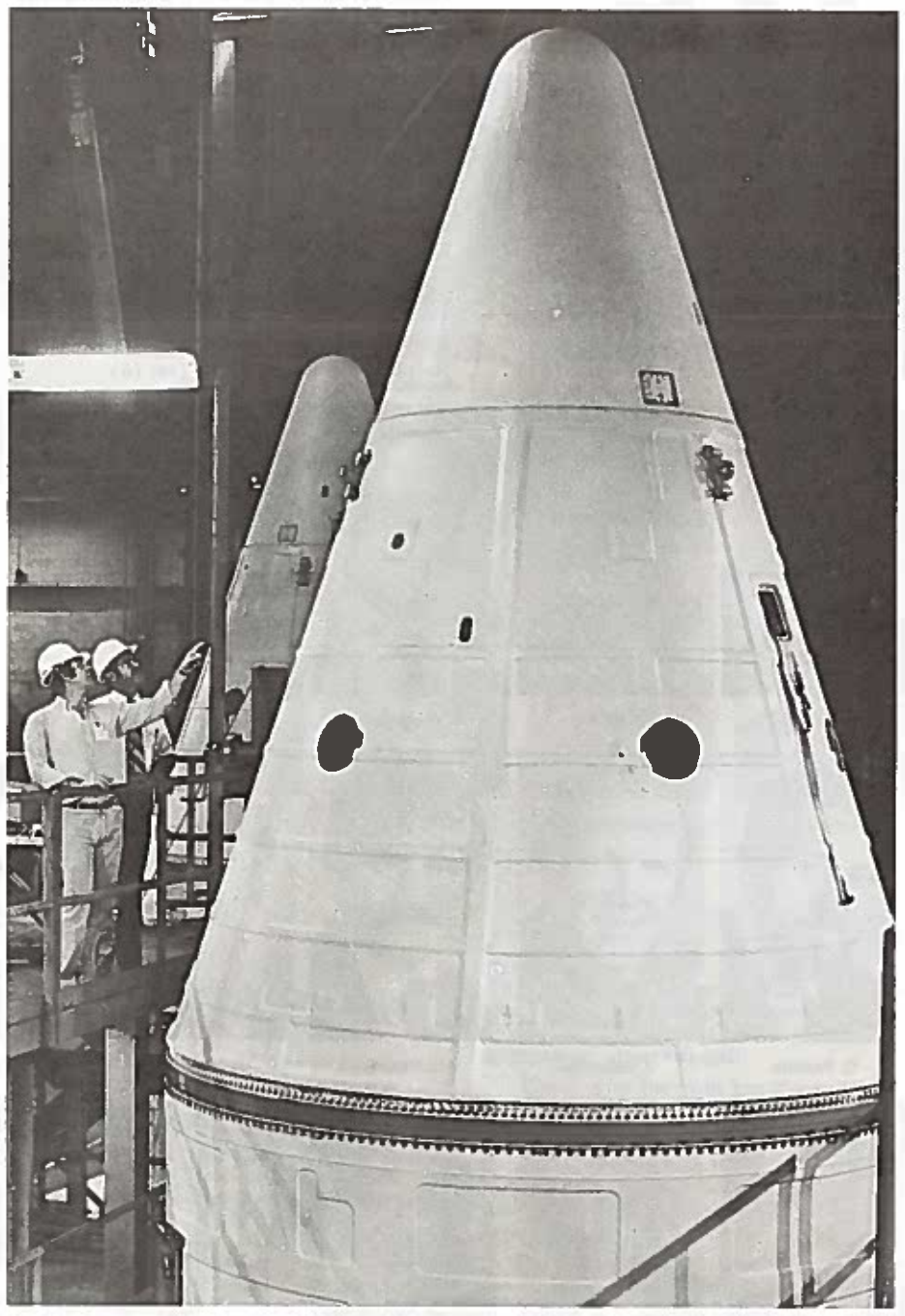
NASA invited several other industrial groups including the Grumman team headed by Vice President-Space Programs Fred Haise, to observe the refurbishing cycle so that competitors for the shuttle processing contract could submit bids later this year.

"This is one of the few major civilian space contracts up for bids in the near future," said Grumman Aerospace President George Skurla, "and we are taking a long, hard look at it." Skurla noted that the multi-billion dollar contract could employ more than 5,000 people at Kennedy Space Center.

Grumman is expected to decide on whether to bid on this NASA contract by the beginning of summer. Bids are to be submitted this fall; the NASA contract is expected to be awarded in the summer of 1983 and the winner will begin work early in 1984.

Ready to work. *In the huge Vehicle Assembly Building (VAB) at the Kennedy Space Center, Grummanites (L to R) Frank Elliot, Lee Yager, John Rockensies, Ernie Wilson, and Ron Strickland arrive for work.*

In scope. *In the Firing Room at Cape Canaveral, Grummanites (L to R) Frank Elliot, Ernie Wilson and John Rockensies check out a monitor.*



Close watch. *Grumman team members Ron Strickland and Dick Kupczyk (L) inspect the shuttle's solid rocket boosters in the Vehicle Assembly Building (VAB).*

service milestones

40

Nickolaus J. Haus Jr., Major Assy. (1)
Clifford J. Schmidt, Controls (2)
James Donohue, Hull Assy. (2)
Cleo L. Rhodes, Prod. Superv. (2)
Nello J. Santelli, Forming Heat Treat & CM (3)
William C. Zimmerman, Mfg. Sched. (25)
Francis R. Walton Jr., Plant Mgt. (77)
Albert G. Theobald, Sub-Assy. (77)

35

Anthony Montalto, Prod. Cntl-Parts Cntrl. (2)
Raymond P. Sullivan, Central Stor. & Ret. (2)
Neal Edwards, Flt. Dev. Ops. (7)
Edward W. Rath, Offsite Cntrl. (17)
Frank W. Goldsmith, Repair Cntrl. (17)
Thomas C. Adee, Dept. Mgt. Ops. M/S (35)
Ralph A. Kaiser, Air Frame Syst. (81)

30

Michael F. Lehr, Tech. Reqt. (1)
Frederick A. Knabbe, Controls (2)
Marino J. DiChiara, Wing Inner Panel & Combo (2)
John F. Jordan, Fuselage Joining (2)
Cosimo Franchino, Mech. Struct & Proto. (2)
Slawko S. Kociuruba, Hull Assy. (2)
Carl Maroth, Hull Assy. (2)
William S. Ketcham, Prod. Avionics — M/S (2)
John Stefaniw, Indust. Eng. (2)
George J. Kikta, I.E. Flow Seq. Plnng. (2)
Richard E. Schneider, Jigs & Fixtures (2)
Robert H. Irwin, Jig Details & Sub-Assy. (2)
Michael P. Smith, Central Stor & Ret. (2)
Leon M. Chetuck, Maint-Facil. Equip & Gen-Sub. (2)
Thomas P. Keegan, Employee Servs. (2)
Cornelius Fredlund, Parts Paint (3)
Joseph P. Gallo, Honeycomb Final (3)
Thomas Palmeri, Prod. Superv. (3)
Hamilton Santos, Mach. Op-Tech. Serv. (3)
Christopher Hasenzahl, Prototype (3)
Vincent Bonomo, Final Assy. Struct. (4)
John Oshaughnessy, Static Test (5)
Ralph E. Combes, Static Test (5)
George H. Lake Jr. Envir. Ctrl & Test (5)
Morris Isaac, Ops. Anal. (5)
Edward F. Schoefeld, Adv. Aircraft Sys. (5)
Nicholas J. Dukarm, Pl. Protection (6)
George Boehle, Fluids (6)
Leon Jasinski, Elect. Install. (6)
Eugene V. Bagnall Sr., Matl. Handl/Stor. (6)
Frank E. Tupper II, MGR ILS & Staff (6)
Bruce O. Clayton, Prod. M/S (7)
Guido LoDolce, Plans & Prog. (9)
John M. McGarry, Trans-Ops. (20)
James Saccardi, Trans-Ops. (20)
Francis J. Fox Jr., Mfg. Prog. Mgt. (25)
Maximilian J. Zacher, Struct. Des. (25)
Terenzio L. Giannone, Personnel M/S (28)
Richard T. Friedel, Guid. & Cont. Sys. Inte. (30)
Henry J. Ulak, Prod. Cntl-Parts Cntrl. (30)
Doris J. Wahlberg, Gen. Commod. (30)
Armand J. Affe, Prog. Matl. Mgmt. (30)
Rita C. Mathia, Maint. Admin. (30)
Robert S. Demarest Jr., Mass. Prop. Anal. & Cntl. (35)
Lawrence J. McGovern, Reqts. Plnng. (43)
Donald J. Marold, Invent. Mgt. (44)
Dominick L. Negro, Field Admin & Liaison (72)
Harold C. White Jr., Quality Cntrl. (77)
James L. Comer Jr., Supp. Cntrl. (89)
Donald A. Imgram, Prog. Mgt. Space (89)

25

Clifford Smith, Est. Resources (1)
George T. Steffens, Insp-Mech. (1)
Jean Frayre, Tanks & Ducts (2)
John M. Schwier, Final Assy. (2)
Richard Dillinger, Mfg. Est. Adv. PR (2)
Michael Caruso, Machine Shop (2)
Robert G. Micich, Proj. Mgmt. (2)
Dorothy Chapter, Camera Graphics (2)
Otto H. Sauberg, Mfg. Prod. Ctrl & Prg. Mgt. (2)
Philip H. Boyle Jr., Assemblies (3)
Mario Franceschi, Honeycomb Prep. (3)
Genaro J. Paolillo, Mach. Op-Tech. Serv. (3)
James Edwards, Final Assy. Struct. (4)
John J. Flood, Flt. Trans. (4)
John H. Robedee, Pl. 14/26 — Inst. M/S (5)
Henry Jakimo, Ops. Anal. (5)
Melvin B. Martin, Est. Resources (5)
Gerald W. Tasker, Structures (6)
Edward C. Thomsen Jr., Production M/S (6)
Robert C. Carlson, Assy. Tool & Handl. Equip. (6)
John J. Kane, Corp. Instr. Ops & Proj. (7)
Charles W. Flower, Prog. Plnng. Cntrl & Budg. (7)
Philip H. Fenderson, Airport Ops. (7)
Philip Gill, Prog. Matl. Mgmt. (9)
Frederick Berezuk, Struct. Des. (9)
Michael Alberino, Maint-Rearrangement (12)
Sonya J. Westerback, Non-Metals-Fin. Eng. (12)
Louis J. Waldeck, B/P Warehouses (21)
Robert Leun, Proj. Mgmt. (25)
Arthur V. Bierlein, Propulsion Sys. (25)
John Aris, Optic & Display Equip. Des. (25)
Thomas M. Wolfson, Aircraft Avionic Sys. (25)
Michael N. Dinger, Config. Data Mgmt. (25)
Daniel F. O'Brien, Employment (28)
John Rivara, Civil Eng. (30)
Donald W. Diebel, Syst. Test (31)
George A. Olsen, ILS Eng. Mgmt. (35)
Ernestine S. DeFanis, Food Serv. (35)
George Castellano, Controls & Mech. (35)
Michael Falco, Sys. Sciences (35)
Sidney C. Kaufmann, Software Sys. Ops. (35)
John G. Burkert Jr., Eng. Resources (40)
Matthew W. Becker, Config. Data Mgmt. (40)

M. Martin

G. Tasker

E. Thomsen Jr.

R. Carlson

G. Paolillo

J. Edwards

J. Flood

J. Robedee

H. Jakimo

J. Zielinski

R. Craig

J. Stirling

R. Condoiff

J. Kane

C. Flower

P. Fenderson

P. Gill

F. Berezuk

S. Westerback

L. Waldeck

R. Levn

A. Bierlein

C. Smith

G. Steffens

J. Frayre

J. Schwier

R. Dillinger

D. Chapter

O. Sauberg

P. Boyle Jr.

M. Franceschi

Walter J. Broderick, Mfg. Reqts. Plnng. (43)
Ernest Borysewicz, ILS Mech. Equip. Eng. (47)
John A. Barton, Mach/Tool Shop (77)
Kenneth F. Kettenacker, Production (88)
Joseph Zielinski, Fuselage Joining (2)
Robert Craig, Assemblies (3)
James R. Stirling, M/T Equip. Eng. (30)
Robert J. Condolff, Land Gear Carrier Suit AB/AR (9)

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Joan O. Meyer, ILS Resource Cntrl. (1)
Arthur J. Funk, ILS Sub-Syst. Eng. (1)
Aneillo J. Pellegrino, ILS Elect. Pack. (1)
John F. Canning, ILS Training Sys. Eng. (4)
Jacob J. Bussolini Jr., Resources M/S (5)
Salvatore Rubino, Instr. Test (6)
James P. O'Sullivan, Maint-Rearrangement (6)
Robert C. Kern, Maint-Rearrangement (6)
Giochino G. Apicella Jr., Elect. Bench Assy. (6)
Henry E. Burke Jr., Sys. Integration (7)
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Joan A. Keays, Prog. Coord. (6)
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E. Borysewicz

J. Barton

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Once you've gotten your brochure, call the number nearest you and give the operator the title and number of the taped message you wish to hear. Gardening, energy conservation, family finances, home improvements, food preservation, child care, boating and fishing are just a few of the categories.

Personals

My wife and I would like to express our deep gratitude for the sympathy and kindness extended by all our friends at Grumman, and especially the Boeing Program personnel at Plant 09, for sharing our sorrow in the recent loss of our son Michael and daughter-in-law Veronica. **Katherine and George Gajewski**

Thanks to all my friends at Calverton for their thoughtfulness. It was greatly appreciated. **Ernie Ammirato and Family**

My son and I would like to thank all our friends and co-workers for their kind and thoughtful expressions of sympathy during the recent loss of my brother. **Ellen and Gerard Mahoney**

My family and I would like to express our sincere thanks to everyone for their thoughtfulness and kind expressions of sympathy. **Alan Pearsall**

Thank you for your kindness and sympathy during the recent loss of my father. **George R. Gould and Family**

My family and I would like to thank my co-workers and Grumman friends for their concern and sympathy upon the loss of my mother. **John Koszeghy**

Sincere thanks to my fellow workers for their kindness during the recent loss of my mother. **Doris Scanlon**

My family and I would like to express our sincere appreciation to all our friends for their sympathy and kindness during the recent loss of my father. **Leonard Woods**

Best buy in April goes on sale soon

Only $1 buys entry into wide world of Recreation

Bargains are not easy to come by these days. But there is one good buy that you don't have to trot around flea markets and garage sales for. Membership in the wide world of Grumman Recreation costs only $1 — and it's a steal.

The annual Recreation membership drive starts April 1 and ends April 30. Your $1 membership will open a world of opportunities for you to travel, compete, be entertained, or just have fun.

"Proceeds of the Recreation drive are strictly used for all intramural and club activities," says 1982 drive chairman Mike Cherry.

From table tennis to tap dancing, from racquetball to computer programming, there are many clubs to satisfy the interests of Grumman men and women.

Are you a camera buff? There are over 50 members of the Photography Club who are, too. They hold monthly meetings in the Plant 28A auditorium. Guest speakers advise members how to capture award winning shots; fellow club members trade photography tips and secrets.

By purchasing your $1 membership ticket from your department's Recreation drive rep, you help support the Photography Club and the other non-varsity activities, such as all the sports tournaments and leagues.

Some 1,200 Grummanites participate in the Grumman golf leagues. There are more than 30 bowling leagues open to all Grummanites. Hundreds of others play softball in the after-hours and lunchtime leagues.

Bocce, horseshoes, quoits, and table tennis are becoming popular at all the plants. Clinics are given for golfers and bowlers every year, too.

For people who like to make others laugh, there's the Klown Klub. Skiers can find plenty of competition in the Grumman Ski Club. Computer buffs can share the language with other programmers through the Grumman Computer Club. Motorcyclists can hit the road with fellow Grummanites by joining the Motorcycle Club.

Around the world

Recreation offers more than organized sports and clubs. For the travellers, there are plenty of vacation packages offered annually. Tours to Alaska, New Orleans, the Caribbean, and just about any other place in the world are available at the most affordable price possible.

The Recreation department also sells discount tickets to many of the major professional athletic events.

Grummanites with special hobbies can show off their endeavors in one of the Recreation-run exhibits. Each year, art, garden, hobby and photo shows are held with awards given for the best entries.

It's hard to imagine any sport, game or field of interest that isn't represented by Grumman Recreation. But if any Grummanite has such an interest, a call to the Recreation department might get another club or activity off the ground. Recreation director Chet Baumgartner and the rest of the staff have the knowledge to help a new group succeed.

Participation in the drive is a Grumman tradition. Last year, over 95 percent of all Grummanites signed up. Whether you work in Melville or Milledgeville, your dollar goes a long, long way.

Participation also means you might bring home a prize. Everyone who purchases a membership ticket has a chance to win one of 15 $100 U.S. Savings Bonds or one of 50 sets of Grumman glasses.

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